

PRO-802 Corrosion Inhibitor

PRO-802 is a pyridine based water soluble corrosion inhibitor.

Product Information

ProChem's PRO-802 is a film forming corrosion inhibitor formulated to inhibit corrosion in high temperature, low pH environments and systems where high amount of dissolved H₂S and CO₂ are encountered.

Product Use Information

Sour Systems

For high water cut sour systems PRO-802 typical injections rates are 250 – 500ppm based on water production.

Sweet Systems

For high water cut sweet systems, PRO-802 typical injection rates are 100 – 400ppm based on water production.

Wet Gas Systems

For Wet gas systems PRO-802 can be continuously injected into the production system at a rate of 1.0 liter per MMSCF/ day depending on the flow regime within the system.

Downhole Batching

Downhole batch volumes are calculated based on well depth, along with casing and tubing sizes. Well batch frequencies are based on well production values. Typical batch volumes are pre-mixed 1:1 with diluent to increase corrosion inhibitor contact time.

Physical Properties

Density,	0.85 – 0.90
Form,	Liquid
pH,	N/A
Appearance,	Brown
Solubility,	
	Fresh Water – Soluble
	Oilfield Brine – Soluble
	Methanol – Soluble
	Aromatic Solvent – Insoluble

Material Compatibility Information

Metals: 316 Stainless steel

Plastic: HD polyethylene
HD polypropylene
Teflon

Elastomers: Polytetrafluoroethylene [Teflon]
Viton

Corrosion Monitoring Techniques

- Corrosion Coupons
- Iron / Manganese Analysis
- Copper Ion testing of corrosion coupons
- Corrosion inhibitor residuals